

Umetco Minerals Corporation



PO BOX 579 4625 ROYAL AVENUE • NIAGARA FALLS, NEW YORK 14302

May 14, 1984

Mr. Robert F. Kelly
Senior Radiologist
New York State Department of Labor
State Office Building
65 Court Street
Buffalo, NY 14202

Subject: Radioactive Materials License 950-0139

Dear Mr. Kelly:

The following samples were taken from the railroad track area at Union Carbide's Royal Avenue Technology Center, in addition to the prior samples which were used to define the work:

Before Excavation, July 19, 1984

Seven surface samples.

Samples After Excavation

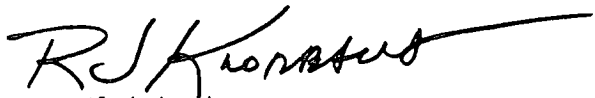
Eight sample locations at excavated surface, six inches deep and twelve inches deep, for a total of twenty-four analyses.

Samples After Backfill, October 16, 1984

Seven sample locations at surface, six inches, twelve inches, eighteen inches and twenty-four inches deep, for a total of thirty analyses.

The samples were sent to the Grand Junction laboratory. However, in the process of being surplused after the samples were received, they sent them to Alpha Nuclear in Dallas for analysis. I have initiated steps to receive the results; samples are indicated on the attached record sheets.

Very truly yours,


R. J. Klotzbach

cc: Mr. F. V. McMillen
Attachments

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SOIL DECONTAMINATION - SOUTH OF BLDG. 166 - NIAGARA

Soil Samples To Be Analyzed

File No. 11309

1.) Samples 7-19-84

Material From West Area Before Excavation (Surface).

<u>Sample</u>	<u>Location</u>
S-1	South End
S-2	Center
S-3	Center
S-4	North End Center
S-5	North End and Edge of Concrete Pad

2.) Samples - After Excavation - Before Backfilling

<u>Sample</u>	<u>Location</u>
WA-1-S	West Area @Surface - Hole #1
WA-1-6	West Area @ 6" - Hole #1
WA-1-12	West Area @ 12" - Hole #1
WA-2-S	West Area @Surface - Hole #2
WA-2-6	West Area @ 6" - Hole #2
WA-2-12	West Area @ 12" - Hole #2
WA-3-S	West Area @Surface - Hole #3
WA-3-6	West Area @ 6" - Hole #3
WA-3-12	West Area @ 12" - Hole #3
WA-4-S	West Area @Surface - Hole #4
WA-4-6	West Area @ 6" - Hole #4
WA-4-12	West Area @ 12" - Hole #4
EA-1-S	East Area @Surface - Hole #1
EA-1-6	East Area @ 6" - Hole #1
EA-1-12	East Area @ 12" - Hole #1
EA-2-S	East Area @Surface - Hole #2
EA-2-6	East Area @ 6" - Hole #2
EA-2-12	East Area @ 12" - Hole #2
EA-3-S	East Area @Surface - Hole #3
EA-3-6	East Area @ 6" - Hole #3
EA-3-12	East Area @ 12" - Hole #3
EA-4-S	East Area @Surface - Hole #4
EA-4-6	East Area @ 6" - Hole #4
EA-4-12	East Area @ 12" - Hole #4
WL-1	Excavated Area Over Water Lines - West Area

3.) Samples After Backfilling With Clay - 10-16-84

<u>Sample</u>	<u>Location</u>
101 - A (Surface)	West Area - South
B (@6")	
C (@12")	
D (@18")	
E (@24")	

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Soil Decontamination - South of Bldg. 166 - Niagara

<u>Sample</u>	<u>Location</u>
102 - A	West Area - Center
B	
C	
D	
E	
103 - A	West Area - North
B	
C	
D	
E	
104 - A	East Area - South
B	
C	
D	
E	
105 - A	East Area - Center
B	
C	
D	
E	
106 - A	East Area - North Center
B	
C	
D	
E	
107 - A	East Area - North
B	
C	
D	
E	

LY2

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